

## Photometric test report

Family  
**CITY-LIGHT PLUS LED**

Order number: **5XA5275LF14H**  
EAN: **4058352835296**

LP number  
**57131\_32**



<b>Version</b>	post-top- or mounting to wall arm
<b>Optic</b>	direct, asymmetric extremely wide distribution P100009
<b>Cover</b>	cover transparent, PMMA
<b>Lamps</b>	LED 4000 K   CRI ≥ 70
<b>Controlgear</b>	ECG SITECO iQ
<b>Rated values</b>	Net luminous flux = 1440 lm Power consumption = 10.0 W Luminous efficacy = 144 lm/W

serial  
documentation  
07.07.2022

siteco

Luminous intensity in cd/klm

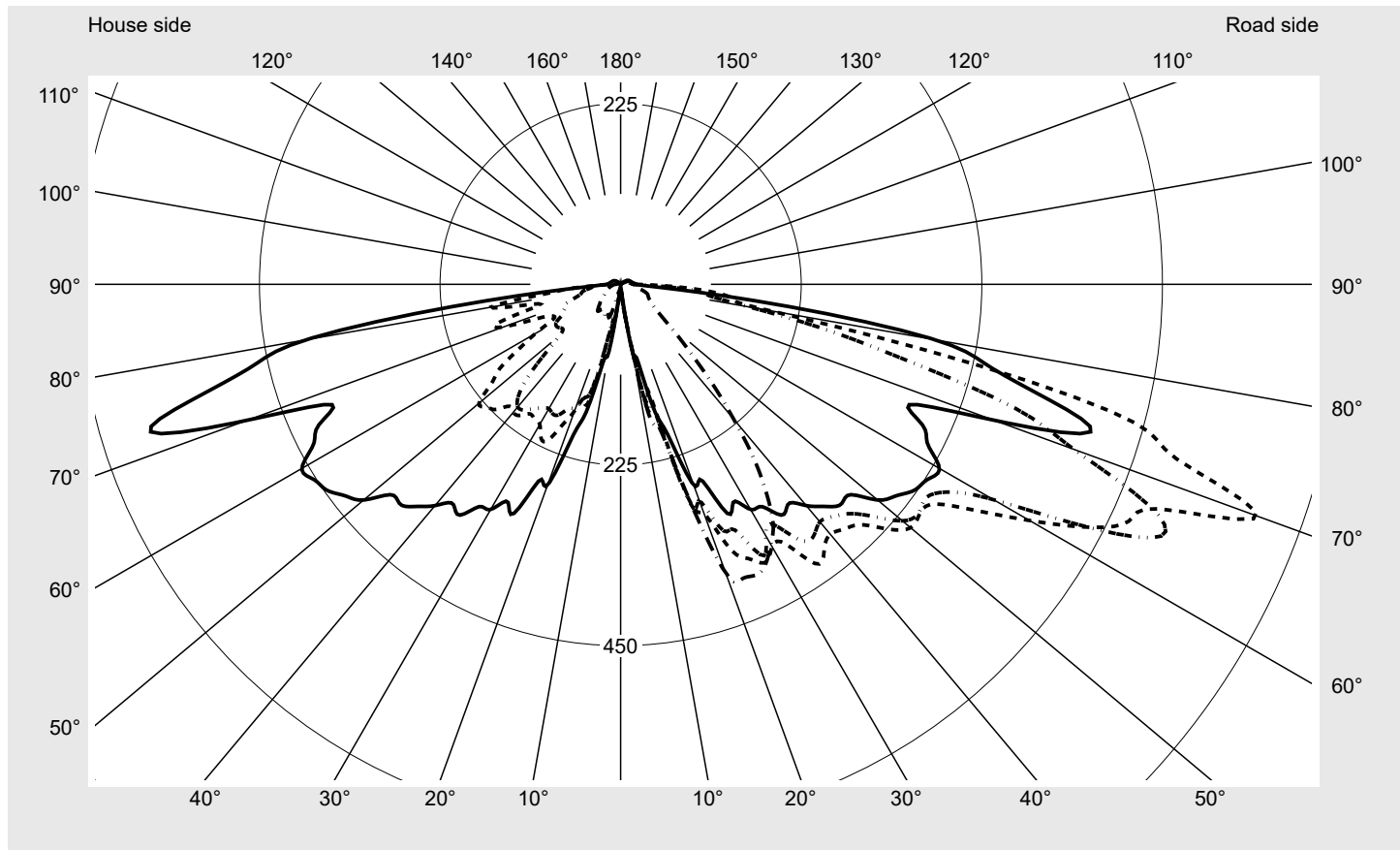
C180-0

C195-15

C200-20

C270-90

Imax: 844 cd/klm



### Luminaire output ratios

Eta	100.0%
Eta 0° - 90°	96.1%
Eta 90° - 180°	3.9%

### Luminous intensity class acc. to EN13201-2

Class:	---
Imax 70°	844.1
Imax 80°	398.1
Imax 90°	17.8
Imax >90°	16.8
Imax >95°	15.7

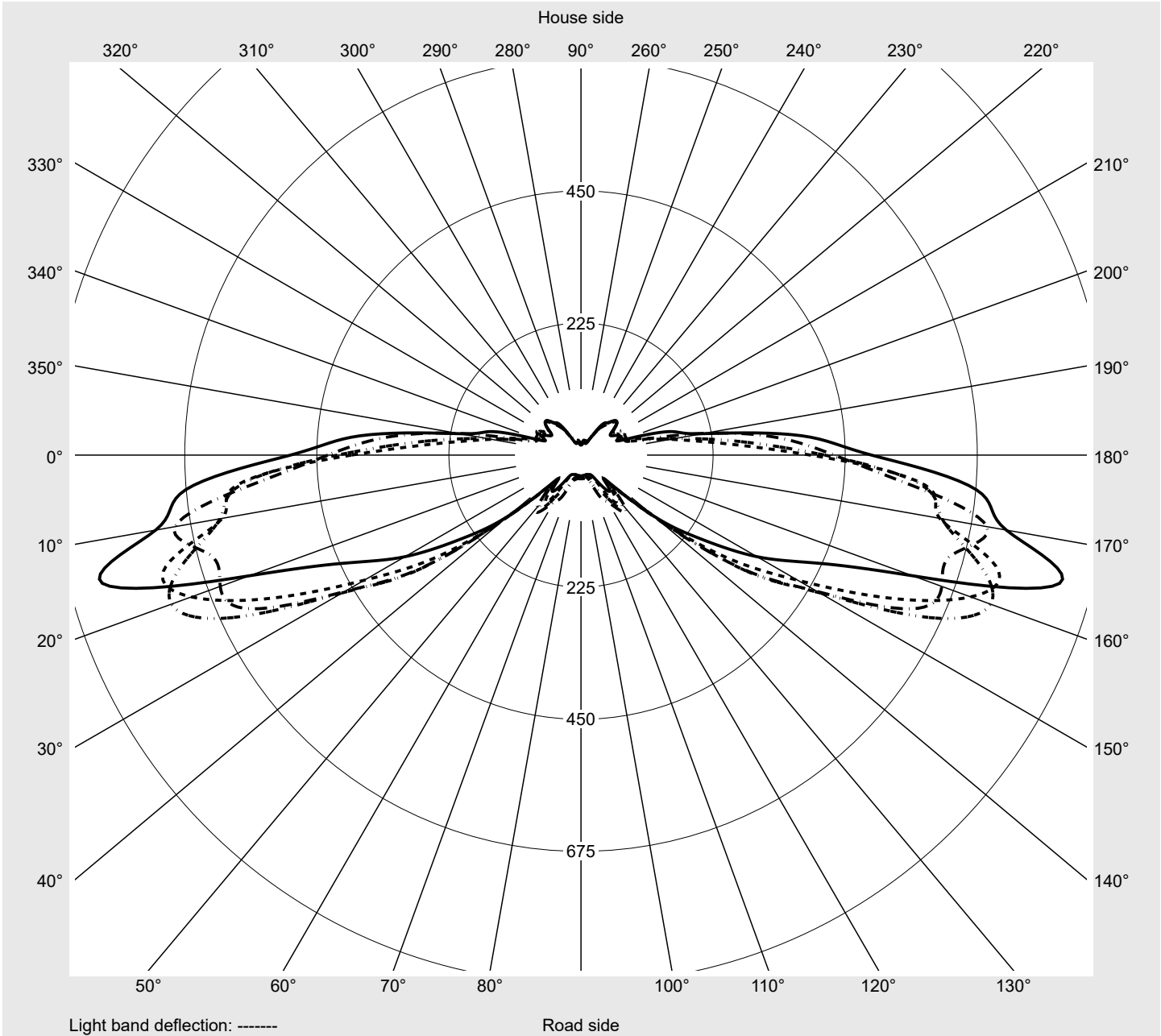
### Measurement conditions

DIN EN 13032 and DIN 5032

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**Envelope curve in cd/klm**      **KMK 70°**    **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**      **siteco**



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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Luminous intensity in cd/klm												
0,0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2,5°	9.6	9.6	9.6	9.6	9.6	9.6	9.9	9.9	9.9	10.3	10.6	10.6	10.6
5,0°	11.3	11.3	11.6	11.6	11.6	12.0	12.3	12.3	12.7	12.7	12.3	12.7	13.0
7,5°	19.2	23.3	28.4	32.8	36.6	36.6	33.9	31.5	31.5	29.8	29.4	31.5	34.2
10,0°	87.2	86.5	85.2	84.5	83.5	81.1	77.3	68.7	56.4	42.1	42.8	57.5	65.0
12,5°	96.4	118.0	133.0	152.5	164.2	149.5	144.0	121.8	100.2	85.2	107.7	137.8	141.6
15,0°	162.8	147.1	147.1	145.7	161.4	179.6	212.4	192.2	168.6	168.6	175.5	192.6	227.1
17,5°	198.0	207.6	267.5	278.4	283.5	272.2	268.5	263.0	200.1	204.9	208.3	238.4	276.3
20,0°	266.1	285.9	315.3	303.7	287.3	286.9	291.4	312.6	250.4	275.7	269.2	269.8	340.6
22,5°	264.0	305.4	348.9	356.7	331.1	305.4	316.7	321.2	262.7	292.4	298.6	279.8	350.2
25,0°	315.0	350.9	375.9	376.9	337.9	330.7	331.8	347.1	254.5	297.9	290.0	288.7	360.1
27,5°	305.1	339.6	388.5	390.6	380.7	356.4	352.6	332.4	247.6	278.4	293.8	301.3	345.1
30,0°	323.9	364.9	395.0	377.2	361.5	350.9	359.5	350.6	228.1	280.1	276.7	277.7	329.0
32,5°	328.3	370.7	380.0	383.7	355.0	350.9	362.9	332.4	216.2	251.4	265.1	274.3	304.7
35,0°	350.9	385.4	415.5	425.1	388.5	368.0	365.3	348.2	205.5	251.0	256.2	247.3	268.8
37,5°	344.1	380.7	411.8	416.6	395.0	372.5	368.7	334.8	194.3	225.0	246.6	230.2	241.1
40,0°	359.8	398.1	414.5	406.3	386.1	370.7	375.2	342.7	178.5	213.1	227.1	201.4	217.9
42,5°	375.2	403.6	415.2	413.2	392.3	372.5	370.7	317.7	160.4	179.9	215.5	182.3	194.3
45,0°	387.8	417.3	419.6	423.4	403.9	391.3	380.0	322.9	145.0	159.0	196.0	169.0	174.4
47,5°	387.8	436.4	445.3	451.1	428.2	404.6	382.4	306.1	134.8	136.5	173.7	166.2	164.9
50,0°	417.9	454.5	458.0	471.6	458.3	437.8	409.0	326.6	123.1	111.8	153.6	157.3	153.2
52,5°	432.6	467.2	464.1	469.6	467.9	458.3	417.6	313.3	122.1	100.6	142.3	145.0	137.1
55,0°	447.0	494.2	498.0	477.1	464.1	463.8	422.4	322.5	114.9	85.8	141.3	135.8	120.7
57,5°	452.8	509.3	583.1	524.0	481.6	473.7	418.3	322.2	134.1	86.5	139.2	124.2	101.9
60,0°	458.6	539.4	691.9	588.3	536.3	535.6	425.8	338.3	137.8	77.3	131.3	119.7	97.5
62,5°	431.3	558.2	702.2	655.0	653.9	619.7	464.8	341.3	169.0	79.7	117.7	114.2	92.7
65,0°	415.2	582.1	624.5	698.4	742.5	655.0	469.2	345.4	159.7	74.2	105.3	106.7	75.9
67,5°	390.9	588.6	620.4	731.9	706.3	575.3	426.5	307.1	166.9	71.8	87.9	95.4	51.0
70,0°	494.9	675.8	735.7	844.1	600.9	433.7	346.1	248.6	161.1	59.5	75.2	68.4	44.8
72,5°	612.9	747.6	822.9	728.8	518.5	345.8	243.9	170.7	115.9	44.1	59.5	60.5	35.2
75,0°	549.6	541.7	672.1	660.1	375.2	228.5	160.1	127.6	66.4	27.0	46.9	48.9	27.7
77,5°	469.2	427.2	472.3	426.8	265.4	166.9	124.8	110.5	52.7	27.7	26.0	27.0	21.9
80,0°	398.1	323.9	226.1	186.1	162.8	113.9	100.9	66.0	29.1	22.2	19.5	23.6	20.2
82,5°	208.3	151.9	122.1	141.3	112.9	93.0	71.5	43.4	18.5	15.7	16.1	18.1	19.2
85,0°	63.6	57.1	86.2	118.3	94.1	61.2	48.9	29.1	16.4	14.0	14.7	16.8	17.8
87,5°	27.0	35.2	57.1	67.4	46.2	34.2	27.4	19.8	14.7	13.3	14.0	16.1	17.1
90,0°	16.1	16.1	17.4	17.8	17.4	17.1	16.4	15.7	14.0	12.7	13.3	15.4	16.1
92,5°	15.0	15.4	16.4	16.8	16.4	16.4	15.7	15.0	13.3	12.0	13.0	15.0	15.7
95,0°	14.4	14.7	15.4	15.7	15.7	15.4	15.0	14.4	13.0	12.0	12.7	14.0	15.0
97,5°	13.7	14.0	14.7	15.0	14.7	14.4	14.4	13.7	12.7	11.6	12.0	13.3	14.0
100,0°	13.0	13.3	14.0	14.4	14.0	13.7	13.7	13.0	11.6	11.3	11.6	12.7	13.7
102,5°	12.3	12.7	13.3	13.7	13.3	13.0	13.0	12.3	11.3	10.9	11.3	12.3	13.3
105,0°	12.0	12.3	12.7	13.0	13.0	12.3	12.3	11.6	10.9	10.9	10.9	12.0	12.7
107,5°	11.3	11.6	12.3	12.3	12.3	11.6	11.6	10.9	10.9	10.9	10.9	11.3	12.0
110,0°	10.9	10.9	11.6	11.6	11.6	10.9	10.9	10.9	10.3	10.3	10.3	10.9	11.6
112,5°	10.6	10.9	11.3	11.6	10.9	10.9	10.6	10.3	10.3	10.3	10.3	10.9	11.3

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
0,0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2,5°	10.9	10.9	11.3	11.3	11.3	11.6	9.6	9.6	9.6	9.6	9.9	9.6	9.6
5,0°	13.3	13.7	13.7	13.7	14.0	14.4	11.3	11.3	11.3	10.9	10.6	10.6	10.6
7,5°	35.9	35.6	35.2	34.2	32.8	34.2	16.4	14.4	13.0	12.3	12.3	12.0	12.0
10,0°	80.0	93.7	99.5	101.6	82.8	82.8	81.1	74.9	64.6	49.3	38.0	31.5	20.9
12,5°	145.0	152.9	171.3	175.1	157.7	172.4	75.6	63.6	53.4	49.6	56.8	62.6	64.6
15,0°	225.7	215.8	210.7	211.0	182.0	182.6	151.9	184.3	147.1	130.0	121.1	91.7	79.3
17,5°	283.9	282.5	281.8	298.2	287.6	272.2	178.5	211.7	148.4	147.7	119.0	97.5	81.7
20,0°	362.5	357.7	351.9	368.0	358.8	382.4	215.5	208.6	167.9	163.5	146.4	120.0	105.3
22,5°	383.7	383.4	377.2	380.0	372.5	396.7	253.1	255.5	189.5	166.9	141.9	134.4	112.2
25,0°	385.1	380.0	379.6	386.8	381.0	399.5	295.8	284.2	214.4	178.5	147.7	129.3	117.7
27,5°	362.5	364.9	371.8	378.6	373.1	391.9	294.1	273.6	215.1	182.3	149.5	144.3	124.8
30,0°	343.4	348.5	356.7	365.6	362.5	374.2	306.8	275.7	201.4	178.9	160.4	140.6	114.6
32,5°	317.7	327.0	334.5	341.7	339.3	353.6	306.1	283.5	199.1	182.6	162.1	142.3	116.6
35,0°	288.7	297.6	304.4	309.9	309.2	316.0	333.5	290.0	197.0	189.1	176.1	140.6	114.6
37,5°	263.3	267.8	270.2	268.5	263.7	271.6	330.7	277.7	205.9	197.3	162.5	116.6	110.1
40,0°	243.5	240.4	233.6	226.4	219.6	218.9	344.1	267.1	207.9	199.4	138.9	93.4	106.0
42,5°	211.7	212.4	198.7	185.0	174.4	172.4	351.9	283.5	205.9	188.4	108.8	86.2	99.5
45,0°	178.5	176.8	164.5	146.0	135.1	130.0	361.8	278.7	220.6	163.8	78.3	84.5	93.7
47,5°	153.2	148.1	136.5	115.9	104.3	100.6	357.7	289.0	226.4	127.2	76.3	85.5	85.8
50,0°	139.2	124.2	112.2	93.7	83.8	77.3	367.3	277.7	230.2	98.8	81.7	87.2	80.4
52,5°	119.4	104.7	93.7	75.6	68.7	62.2	373.8	288.0	202.8	91.0	88.2	86.5	73.9
55,0°	104.3	85.2	76.3	61.6	55.1	52.7	385.4	290.7	185.0	94.1	92.0	88.6	70.1
57,5°	93.4	72.8	62.9	50.6	47.5	47.2	391.9	297.6	151.2	95.4	94.1	86.2	68.7
60,0°	80.0	59.5	52.7	44.5	43.4	43.8	403.2	269.5	122.4	91.3	87.9	89.6	67.7
62,5°	80.0	52.3	43.8	41.0	40.4	40.4	337.9	213.1	95.4	81.4	82.1	84.1	67.7
65,0°	65.7	48.9	40.0	38.0	38.0	38.3	268.8	161.8	93.4	78.3	74.9	81.1	64.6
67,5°	42.1	40.7	36.9	35.9	36.3	36.9	236.3	155.3	109.8	74.9	69.8	72.2	61.9
70,0°	36.6	35.2	34.2	34.9	34.9	35.6	377.6	210.0	154.6	74.2	72.2	66.7	60.9
72,5°	29.8	29.4	30.8	31.8	32.1	32.1	516.8	252.7	160.1	63.6	67.4	64.0	59.2
75,0°	26.0	27.0	27.7	28.4	27.7	27.4	514.7	226.1	111.8	54.0	60.5	56.4	54.7
77,5°	23.6	25.0	25.0	24.6	23.6	22.6	408.0	284.6	116.6	49.9	58.8	51.6	51.3
80,0°	21.9	22.9	22.2	21.5	20.9	20.5	201.4	307.5	163.5	46.9	52.7	42.4	44.1
82,5°	19.8	20.5	20.5	20.2	19.5	19.2	150.8	132.0	102.3	39.0	41.7	36.6	35.6
85,0°	18.5	18.8	19.2	18.8	18.5	18.5	96.1	60.2	65.7	34.5	33.5	31.1	31.1
87,5°	17.1	17.8	17.8	18.1	17.8	17.1	30.8	24.3	26.0	26.3	27.0	28.7	27.7
90,0°	16.4	16.8	17.1	17.1	16.8	16.4	16.1	15.4	15.4	14.0	14.0	13.0	12.3
92,5°	16.1	16.4	16.4	16.8	16.4	16.4	15.0	14.7	14.0	13.3	12.7	12.0	11.3
95,0°	15.4	15.7	16.1	15.7	15.7	15.7	14.0	13.7	13.3	12.7	12.0	11.3	10.6
97,5°	14.7	15.0	15.4	15.7	15.0	15.0	13.3	13.0	12.7	12.0	11.3	10.6	9.9
100,0°	14.4	14.4	15.0	15.0	14.7	14.4	12.7	12.3	12.0	11.3	10.6	9.9	9.2
102,5°	13.7	14.0	14.4	14.4	14.4	14.4	12.0	12.0	11.3	10.6	9.9	9.2	8.9
105,0°	13.0	13.7	13.7	13.7	13.7	13.7	11.6	11.3	10.9	10.3	9.6	8.9	8.6
107,5°	12.7	13.0	13.7	13.7	13.7	13.7	11.3	10.6	10.3	9.9	9.2	8.6	7.9
110,0°	12.3	12.7	13.0	13.0	13.0	12.3	10.6	10.3	9.6	9.2	8.9	8.2	7.9
112,5°	12.0	12.3	13.0	13.0	13.0	10.9	10.3	9.9	9.6	8.9	8.2	7.9	7.5

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sitEco</b>

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
0,0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	0.0	0.0
2,5°	9.9	9.9	9.9	10.3	10.3	10.3	10.9	10.9	10.9	10.9	10.9	0.1	0.1
5,0°	10.6	10.6	10.9	10.9	10.9	10.9	10.9	10.9	11.3	11.3	10.9	0.3	0.4
7,5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.3	10.9	0.8	1.2
10,0°	15.0	13.7	13.0	13.0	13.0	12.7	12.7	12.3	12.0	11.6	11.6	2.5	3.7
12,5°	54.0	41.4	33.2	25.7	18.1	15.4	14.4	13.0	12.3	12.0	11.6	5.3	9.0
15,0°	71.5	61.9	44.8	50.6	36.3	24.3	22.6	21.2	19.8	15.0	13.0	9.3	18.3
17,5°	65.7	57.5	47.5	40.0	39.0	29.4	32.8	36.6	41.0	38.0	36.3	14.1	32.4
20,0°	99.2	104.3	77.3	59.2	80.0	41.0	41.0	42.1	40.7	44.8	43.8	19.6	52.0
22,5°	97.8	92.7	73.9	54.4	57.1	41.0	43.4	51.0	50.6	46.2	41.0	23.3	75.4
25,0°	97.5	85.5	67.0	55.4	55.4	43.1	42.8	49.6	47.5	51.3	47.2	26.9	102.2
27,5°	101.2	74.2	58.5	53.4	55.1	47.5	42.8	50.3	46.2	46.5	43.1	29.3	131.6
30,0°	84.8	66.0	61.6	57.8	56.1	45.1	39.7	49.3	43.4	43.8	41.0	31.2	162.7
32,5°	74.2	66.4	64.0	62.9	62.2	49.6	40.0	47.2	40.4	41.4	38.3	32.6	195.4
35,0°	99.5	93.0	83.1	75.6	70.1	50.3	37.6	46.2	38.3	39.7	38.3	35.1	230.5
37,5°	100.2	94.4	86.5	80.0	71.8	53.4	40.4	48.9	42.8	41.4	39.7	35.7	266.2
40,0°	96.8	90.3	81.7	76.3	70.5	52.0	39.3	49.3	44.8	44.1	43.8	36.2	302.4
42,5°	94.4	86.9	78.7	74.2	68.4	51.6	40.7	47.5	46.2	42.1	41.7	36.2	338.6
45,0°	92.0	85.2	77.6	72.2	67.4	49.6	39.7	44.8	41.7	38.6	38.3	36.4	375.0
47,5°	89.6	86.9	77.0	70.8	64.0	45.1	38.3	41.4	39.0	35.9	34.9	36.9	411.9
50,0°	86.9	83.5	74.9	67.7	60.2	41.7	35.9	38.3	36.3	32.8	32.8	38.0	450.0
52,5°	83.1	82.4	73.5	65.7	55.7	38.3	34.2	35.2	33.2	30.1	29.4	38.6	488.5
55,0°	81.4	80.0	72.8	60.9	51.6	35.6	31.8	32.5	31.1	27.0	27.4	39.4	528.0
57,5°	79.3	78.7	71.1	59.9	47.9	33.2	30.1	30.1	29.1	25.3	24.6	41.0	569.0
60,0°	80.7	79.7	71.1	57.8	44.1	31.1	28.0	27.4	26.7	23.3	23.3	43.5	612.4
62,5°	77.6	82.8	70.5	56.1	40.7	28.4	26.3	25.7	25.7	21.9	21.2	45.3	657.7
65,0°	77.3	83.1	71.1	57.5	36.9	26.3	24.6	24.6	23.6	20.2	19.8	45.4	703.1
67,5°	78.3	80.0	68.1	55.4	34.9	24.3	23.3	23.3	22.6	19.2	18.5	44.0	747.1
70,0°	77.3	82.8	72.2	64.3	38.0	23.3	21.2	21.9	20.9	17.8	17.1	46.1	793.2
72,5°	77.6	76.3	62.6	55.1	37.6	22.6	19.8	20.2	19.2	16.1	15.7	45.6	838.8
75,0°	70.8	64.3	52.0	44.1	28.7	19.2	17.8	18.5	17.4	14.4	14.4	37.6	876.4
77,5°	62.6	54.4	42.1	32.8	22.9	17.8	16.4	17.1	15.7	13.3	13.0	30.3	906.7
80,0°	46.9	38.0	30.1	28.7	22.9	16.4	15.0	15.4	14.0	11.6	11.6	21.9	928.6
82,5°	33.9	28.7	25.0	26.7	20.9	15.4	14.4	14.4	13.0	10.9	10.3	14.3	942.8
85,0°	27.4	21.9	20.9	23.3	18.5	13.3	12.7	13.0	12.0	9.6	9.6	9.6	952.5
87,5°	22.2	17.8	16.1	18.1	15.0	12.0	10.9	11.6	10.6	9.2	8.2	6.3	958.8
90,0°	10.3	8.2	7.2	8.9	9.2	8.9	8.6	8.6	7.9	6.5	6.2	3.7	962.4
92,5°	9.6	7.5	6.8	8.2	8.6	8.2	7.9	7.9	7.2	6.2	5.5	3.5	966.0
95,0°	8.9	7.2	6.2	7.5	7.5	7.5	7.2	6.8	6.5	5.8	5.5	3.3	969.3
97,5°	8.6	6.8	6.2	6.8	7.2	6.8	6.8	6.8	6.2	5.5	5.5	3.1	972.4
100,0°	8.2	6.8	5.8	6.2	6.5	6.5	6.2	6.2	5.8	5.5	5.5	3.0	975.3
102,5°	7.9	6.5	5.8	6.2	6.2	6.2	6.2	6.2	5.5	5.1	4.8	2.8	978.2
105,0°	7.5	6.5	5.5	5.5	5.8	5.5	5.5	5.5	5.5	4.8	4.8	2.7	980.8
107,5°	7.2	6.5	5.5	5.5	5.5	5.5	5.5	5.5	5.1	4.8	4.8	2.5	983.4
110,0°	6.8	6.2	5.5	5.1	5.5	5.1	4.8	4.8	4.8	4.8	4.1	2.4	985.8
112,5°	6.8	6.2	5.5	4.8	4.8	4.8	4.8	4.8	4.8	4.1	3.4	2.3	988.0

## Photometric test report

<b>Family</b> CITY-LIGHT PLUS LED	<b>Order number: 5XA5275LF14H</b> <b>EAN: 4058352835296</b>	<b>LP number</b> 57131_32
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</b>
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C-planes	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
$\gamma$	Luminous intensity in cd/klm												
115,0°	10.3	10.3	10.9	10.9	10.9	10.3	10.3	9.9	9.6	9.9	10.3	10.6	10.9
117,5°	9.6	9.6	10.3	10.3	10.3	9.6	9.6	9.6	9.6	9.6	9.6	10.3	10.6
120,0°	8.9	9.2	9.6	9.6	9.6	8.9	8.9	8.9	8.9	8.9	9.2	9.6	9.6
122,5°	8.2	8.2	8.6	8.6	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.6
125,0°	6.5	6.5	6.5	6.8	6.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.5
127,5°	4.4	4.8	4.8	4.8	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1
130,0°	3.4	3.4	3.4	3.4	3.4	3.4	3.1	3.4	2.7	2.7	2.7	2.7	2.7
132,5°	2.7	2.7	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.7	2.7	2.7	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
137,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.7	1.7
140,0°	1.7	2.1	2.1	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	0.7	0.7
145,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	0.7	0.7	0.7	0.7	0.7
147,5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.7	1.0	0.7	0.7	0.7
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Photometric test report

<b>Family</b> <b>CITY-LIGHT PLUS LED</b>	<b>Order number: 5XA5275LF14H</b> <b>EAN: 4058352835296</b>	<b>LP number</b> <b>57131_32</b>
		<b>siteco</b>

C-planes	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Luminous intensity in cd/klm												
115,0°	11.6	12.0	12.3	12.3	11.3	6.8	9.6	9.6	8.9	8.6	8.2	7.5	6.8
117,5°	10.9	11.6	12.0	12.3	9.6	4.1	9.2	8.9	8.6	8.2	7.5	7.2	6.8
120,0°	10.3	10.6	10.9	10.9	8.2	4.1	8.9	8.2	7.9	7.5	6.8	6.8	6.2
122,5°	8.9	9.2	9.6	9.6	6.5	2.7	7.9	7.5	7.2	6.8	6.5	6.2	5.8
125,0°	6.5	6.8	7.2	7.2	4.8	2.1	6.2	5.8	5.8	5.5	5.1	4.8	4.8
127,5°	4.1	4.4	4.4	4.1	2.7	2.1	4.4	4.4	4.1	4.1	4.1	3.8	3.4
130,0°	2.7	2.7	3.4	2.7	2.1	1.4	3.4	3.4	3.4	3.1	2.7	2.7	2.7
132,5°	2.7	2.7	2.7	2.7	2.1	1.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7
135,0°	2.1	2.1	2.1	2.1	1.4	1.4	2.7	2.7	2.7	2.7	2.7	2.1	2.1
137,5°	1.7	1.4	1.7	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
140,0°	1.4	1.4	1.4	1.4	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
145,0°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147,5°	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C-planes	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm											Luminous flux in lm/klm	
115,0°	6.5	5.8	5.1	4.8	4.8	4.8	4.8	4.8	4.4	3.4	2.7	2.1	990.2
117,5°	6.2	5.8	4.8	4.4	4.4	4.1	4.1	4.1	4.1	3.4	2.1	2.0	992.1
120,0°	6.2	5.5	4.8	4.4	4.1	4.1	4.1	4.1	4.1	2.7	2.1	1.8	993.9
122,5°	5.5	5.1	4.4	4.1	3.8	3.4	3.4	3.4	3.4	2.7	2.1	1.5	995.4
125,0°	4.4	4.1	3.8	3.4	3.1	2.7	2.7	2.7	2.7	2.4	2.1	1.2	996.6
127,5°	3.4	3.1	2.7	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	0.8	997.4
130,0°	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	1.7	1.4	1.4	0.6	998.0
132,5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	0.5	998.5
135,0°	2.1	2.1	2.1	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	0.4	998.9
137,5°	2.1	2.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.3	999.2
140,0°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.0	1.0	1.4	1.4	0.2	999.5
142,5°	1.4	1.4	1.4	1.4	1.0	1.4	1.0	1.0	1.4	1.0	1.4	0.2	999.7
145,0°	1.4	1.4	1.4	1.4	1.4	0.7	0.7	1.4	1.0	1.4	0.7	0.2	999.8
147,5°	1.4	1.4	1.4	1.0	1.0	1.0	1.0	1.4	1.0	0.7	0.7	0.2	1000.0
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

## Photometric test report

<b>Family</b> CITY-LIGHT PLUS LED	<b>Order number: 5XA5275LF14H</b> <b>EAN: 4058352835296</b>	<b>LP number</b> 57131_32
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux [%]	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]start of lifetime	Power consumption [W]end of lifetime	Power consumption [W]average
100	254	254	1440	10.0	10.4	10.2
95	241	252	1366	9.5	9.9	9.7
90	229	250	1298	9.0	9.3	9.2
85	216	248	1225	8.5	8.8	8.6
80	203	246	1151	8.0	8.3	8.2
75	190	243	1077	7.6	7.7	7.6
70	178	241	1009	7.1	7.3	7.2
65	165	238	935	6.6	6.8	6.7
60	152	235	862	6.1	6.4	6.2
55	140	232	794	5.7	5.9	5.8
50	127	229	720	5.3	5.5	5.4
45	114	225	646	4.8	5.0	4.9
40	102	221	578	4.4	4.6	4.5
35	89	216	505	4.0	4.1	4.0
30	76	210	431	3.6	3.7	3.6
30	75	209	425	3.5	3.7	3.6